Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known	
Application Number	09/114,335
Filing Date	07/13/98
First Named Inventor	Silver
Group Art Unit	2623
Examiner Name	Chang, Jon Carlton

Sheet	1	of	2	Attorney Docket Number	C98-035

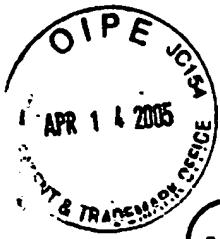| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. [1]	Name of the Author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T [2]
Ce		BALLARD, D.H., "Generalizing the Hough Transform to Detect Arbitrary Shapes," *Pattern Recognition*, 1981, pp. 111-122, Vol. 13, No. 2, Pergamon Press Ltd., UK	
Ce		BALLARD, et al., "Section 4.2 Searching Near and Approximate Location," and "Section 4.3 The Hough Method for Curve Detection," *Computer Vision*, 1982, pp. 121-131, Prentice-Hall, Inc., Englewood Cliffs, NJ, USA	
Ce		BROWN, LISA GOTTESFELD, "A Survey of Image Registration Techniques," *ACM Computing Surveys*, December 1992, pp. 325-376, Vol. 24, No. 4, Association for Computing Machinery, USA	
Ce		CAELLI, et al., "Fast Edge-Only Matching Techniques for Robot Pattern Recognition," *Computer Vision, Graphics, and Image Processing 39*, 1987, pp. 131-143, Academic Press, Inc.	
Ce		CAELLI, et al., "On the Minimum Number of Templates Required for Shift, Rotation and Size Invariant Pattern Recognition," *Pattern Recognition*, 1988, pp. 205-216, Vol. 21, No. 3, Pergamon Press plc.	
de		COGNEX CORPORATION, "Chapter 2 Searching," *Cognex 2000/3000/4000 Vision Tools*, 1992, pp. 2-1 to 2-62, Revision 5.2 P/N 590-0103, Natick, MA, USA	
de		COGNEX CORPORATION, "Chapter 1 Searching," *Cognex 3000/4000/5000 Programmable Vision Engines, Vision Tools*, 1996, pp. 1-68, Revision 7.4 590-1036, Natick, MA, USA	
Ue		COGNEX CORPORATION, "Chapter 14 Golden Template Comparison," *Cognex 3000/4000/5000 Programmable Vision Engines, Vision Tools*, 1996, pp. 569-595, Revision 7.4 590-1036, Natick, MA, USA	
de		COGNEX CORPORATION, "Apex Search Object Library Functions," Natick, MA, USA, 1998 but public before the above-referenced filing date.	
de		COGNEX CORPORATION, "Apex Search Object," *acuWin version 1.5*, March 31, 1997, pp. 1-35, Natick, MA, USA	
de		COGNEX CORPORATION, "Apex Model Object," *acuWin version 1.5*, March 31, 1997, pp. 1-17, Natick, MA, USA	
Ce		COGNEX CORPORATION, "Description of Sobel Search," Natick, MA, USA, 1998 but public before the above-referenced filing date.	

Examiner Signature		Date Considered	B/31/05

Considered. Include copy of this form with next communication with applicant.
[1] Unique citation designation number. [2] Applicant is to place a check mark here if English translation is attached.

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.¹	Name of the Author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
(initials)		CROUZIL, et al., "A New Correlation Criterion Based on Gradient Fields Similarity," *Proceedings of the 13th International Conference on Pattern Recognition Volume 1 Track A: Computer Vision*, August 25-29, 1996, pp. 632-636, IEEE Computer Society Press, Los Alamitos, CA, USA	
(initials)		GRIMSON et al., "On the Sensitivity of the Hough Transform for Object Recognition," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, March 1990, pp. 255-274, Vol. 12. No. 3	
(initials)		HSIEH et al., "Image Registration Using a New Edge-Based Approach," *Computer Vision and Image Understanding*, August 1997, pp. 112-130, Vol. 67, No. 2, Academic Press	
(initials)		ROSENFELD et al., "Coarse-Fine Template Matching," *IEEE Transactions on Systems, Man, and Cybernetics*, February 1997, pp. 104-107, USA	
(initials)		TIAN et al., "Algorithms for Subpixel Registration," *Computer Vision, Graphics, and Image Processing 35*, 1986, pp. 220-233, Academic Press, Inc.	

Examiner Signature	*(signature)*	Date Considered	8/31/05